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4 catalysts for at least a second monomer, the first and second monomers being different from each
5 other and the first monomer being an olefin other than ethylene, the method comprising:
6 concurrently reacting an array of at least 8 potential polymerization catalysts that are
7 different from each other with the at least first monomer under polymerization conditions; and
8 determining the polymerization performance of each of the potential catalysts with the at
9 least first monomer.

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1 25. (Amended) A screening method according to Claim 24, wherein the reacting step
2 further comprises adding other compositions to the wells other than the first or second monomers
3 or the catalysts.

1 26. (Amended) A screening method according to Claim 24 comprising dispensing the
2 first monomer as a liquid into each reaction vessel that contains one of the potential catalysts
3 prior to the step of reacting the catalyst with the first monomer.

1 27. (Amended) A screening method according to Claim 24 comprising distributing the
2 first monomer as a gas to each reaction vessel that contains one of the potential catalysts prior to
3 the step of reacting the catalyst with the first monomer.

1 28. (Amended) A screening method according to Claim 24 further comprising:
2 activating the potential catalysts; and
3 wherein at least a portion of the at least first monomer is provided to each reaction vessel
4 prior to activation of the potential catalysts.

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1 41. (Amended) A screening method according to Claim 16 comprising:
2 measuring the polymerization performance of each of the potential catalysts with the at
3 least first monomer; and
4 predicting the polymerization activity of each of the potential catalysts for at least a
5 second monomer, wherein the first and second monomers are chemically different from each
6 other and the first monomer is an olefin other than ethylene.